Week 10 codify academy

**Week 10**

**In Class Quiz**

1. How do you target a specific index of an array?
2. How would you reverse the order of an array?
3. How would you log the length of each item in an array?

**Exercises**

***Important: Make sure to add comments to your code to help your future self.***

1. Create a copy of your template folder and rename it to week10exercise.
2. Drag this new folder into your 'week10' folder inside your 'codify' folder.
3. When working through these exercises, there are bits and pieces of the instructions that are deliberately left out. You should start thinking about what you THINK you will need in order to accomplish the request.
4. In JS: Create an array with 5 different strings. Log the length of your array to the console. Now log the length of each of the strings in your array to the console. Finally, reverse the array and console the array again.
5. In JS: Create an array of at least 5 numbers. Sort the array numerically, in ascending order (smallest to biggest). Then sort it in descending order.
6. In JS: Create an array with three strings. Add two new strings to the end of the array. Now remove one string from the beginning. Log the final array to the console. How many strings does it have?

***Once you have completed these exercises add them to Github.***

[Download Completed Week 10 Exercises](http://codifyacademy.com/wk10/week10exercises.zip)

**Project**

Today we will build a quiz application, it should require the user to answer a few questions, they should be notified if their answer is correct or incorrect.

**Steps For Making a JavaScript Project**

1. Paper Prototype the layout of your quiz.
2. Create the HTML needed to display questions, accept user data and display the results to the user.
3. Write pseudocode for the planned JavaScript Logic.
4. Write JavaScript from your pseudo code.
5. Style the finished product with some CSS.

**Working Project Examples**

[Quiz Example 1](http://codifyacademy.com/litmos/wk10/quiz" \t "_blank) [Quiz Example 2](http://codifyacademy.com/litmos/wk10/multiquiz" \t "_blank)